

Title (en)

Meat Additive, Pickling Liquid and Processed Meat Product

Title (de)

Fleischzusatz, Beizflüssigkeit und verarbeitetes Fleischprodukt

Title (fr)

Additif pour viande, liquide de marinage et produit de viande transformé

Publication

EP 2314173 A1 20110427 (EN)

Application

EP 10187480 A 20101013

Priority

JP 2009242216 A 20091021

Abstract (en)

Provided are a meat additive and a pickling liquid for producing a processed meat product having an enhanced water retention capacity when heated and therefore having an excellent texture. More specifically, provided are a meat additive comprising at least water-soluble cellulose ether which turns into a gel when heated, a pickling liquid comprising the meat additive, and a meat processed product comprising the food additive. Also provided is a method for producing a processed meat product comprising at least the steps of: adding the meat additive or the pickling liquid to meat and heating the meat to which the meat additive or the pickling liquid has been added, at a gelling temperature or higher wherein the gelling temperature is of the water-soluble cellulose comprised by the meat additive or pickling liquid.

IPC 8 full level

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CPC (source: EP US)

A23L 13/422 (2016.07 - EP US); **A23L 13/72** (2016.07 - EP US)

Citation (applicant)

- JP 2000050794 A 20000222 - FUJI OIL CO LTD
- JP 2001258511 A 20010925 - ORGANO KK
- JP 2007267647 A 20071018 - RIKEN VITAMIN CO
- J.G. GOBLER; E.P. SAMSEL; G.H. BEABER, TALANTA, vol. 9, 1962, pages 474
- J. POLYM. SCI., vol. 39, 1982, pages 293 - 298

Citation (search report)

- [X] US 3073705 A 19630115 - RIVOCHÉ EUGENE J
- [X] JP 2009183194 A 20090820 - NOF CORP
- [X] US 3891776 A 19750624 - CARPENTER ROLAND PAUL, et al
- [X] US 2887382 A 19590519 - RIVOCHÉ EUGENE J
- [X] GB 2114417 A 19830824 - SMADAR YECHIEL
- [X] EP 0046639 A1 19820303 - KROGER CO [US]
- [X] US 2798814 A 19570709 - RIVOCHÉ EUGENE J
- [X] US 2006240159 A1 20061026 - CASH MARY J [US], et al
- [X] EP 0503496 A1 19920916 - UNIV MINNESOTA [US]
- [X] WO 9423588 A1 19941027 - GRIFFITH LAB WORLDWIDE INC [US], et al
- [X] GB 1423608 A 19760204 - CHINOIN GYOGYSZER ES VEGYESZET
- [X] US 5928690 A 19990727 - WIEBE JR WILLIAM R [US]
- [X] US 5053237 A 19911001 - HENDRICKS DELOY G [US], et al
- [X] WO 2008121018 A2 20081009 - OBSCHESTVO S OGRANICHENNOY OTV [RU], et al
- [X] US 4262027 A 19810414 - TONNER GEORGE F, et al
- [X] WO 03030660 A1 20030417 - AKZO NOBEL NV [NL], et al
- [X] HILL S E ET AL: "Physical and sensory properties of lean ground beef patties containing methylcellulose and hydroxypropylmethylcellulose.", JOURNAL OF FOOD QUALITY 1988 DEP. OF FOOD & NUTR., IOWA STATE UNIV., AMES, IA 50011, USA LNKD- DOI:10.1111/J.1745-4557.1988.TB00893.X, vol. 11, no. 4, 1988, pages 331 - 337, XP002618321

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